

[illegible]

FIGURE 1A

GGAGACGAGCGGCTTCTTGTTAATGAGGTTATGAAGTATGGAAGTTTAGAAGATGTTTTG  
CAAGACCCCAAGAAAGGTGGGGTGAAACTTAAATTGTCCACACGGCGGAAGATTGGGATA  
GGATCAGCTAGAGGGGCTTGCTTTCCCTTCACCACAACCTGCAGTCCGCATATCATCCACAGA  
GACATGAAATCCAGTAATGTGTTGCTTGATGAGAATTTGGAAGCTCGGGTTTCAGATTTT  
GGCATGGCGAGGCTGATGAGTGCGATGGATACGCATTTAAGCCTCAGTACATTAGCTGGT  
ACACCGGGTTACGTTCCCTCCAGAGTATTACCAAAGTTTCAGGTGTTCAACAAAAGGAGAC  
GTTTATAGTTACGGTGTGGTCTTACTCGAGCTACTCACGGGTAAACGGCCAACGGATTCA  
CCGGATTTTGGAGATAACAACCTTGTTGGATGGGTGAAACAGCACGCAAAACTGCGGATT  
AGCGATGTGTTTGACCCGGAGCTTATGAAGGAAGATCCAGCATTAGAGATCGAACTTTTA  
CAACATTTAAAAGTTGCGGTGCGTGTGTTGGATGATCGGGCTTGGAGACGACCGACAATG  
GTACAAGTCATGGCCATGTTTAAGGAGATACAAGCCGGGTCAAGGATAGATTCAAGTCA  
ACGATCAGATCAATAGAGGATGGAGGGTTCCAGTACAATAGAGATGGTTGATATGAGTATA  
AAAGAAGTTCCCTGAAGGAAAATTATGAGAGTTAGAAACAGAGCCAAAGCAGATTCTTTGA  
ACATCAAAATCATCTAAGGGTCAAGTCCGATTTTCCCTTGGGTCTATTTTTTTTGTATTTTC  
TACTATATGCTAAGTGTATGTATCTATGTTATTTATACATAAGACGGATGTTTTTTTTTT  
CGGGCTCGGTGGAATTGGGGGTGGTGGAGAATAGAACTAAGTAATAACTTTGTTAAGAAT  
ATGTAAATATACAGTTTTTTGGGGAGGGATTTGTAATGTTTTCGTTTTTAGTTCTATGSA  
AATTTCTACGTTGCTAACAAATTAAATTTATAATGAATCATGAAGAAACAAAGAGCCCAAT  
GTGTATTAAATTCGACTGATCATGTTGATGTAATGCACGTGACCTATTAATTCATTAT  
TGTGGGAATTAATTTGGGGAATTC

FIGURE 1B

MKTFSSFFLSVTTLFFFSFFSLSFQASPSQSLYREIHQLISFKDVLDPKN  
LLPDWSSNKNPCTFDGVTCRDDKVTSIDLSSKPLNVGFSAVSSSLLSLTG  
LESFLSNSHINGSVSGFKCSASLTSLDLSRNSLSGPVTTLTSLGSCSGL  
KFLNVSSNTLDFPGKVSGLKLNLSLEVLDLSANSISGANVVGWVLSDGCG  
ELKHLAISGNKISGDVDVSRVNLFLDVSSNNFSTGIPFLGDCSALQHL  
DISGNKLSGDFSRAISTCTELKLLNISSNQFVGPIPPPLPLKSLQYLSLAE  
NKFTGEIPDFLSGACDTLTGLDLSGNHFGYGA VPPFFGSCSLLES LALSSN  
NFSGELPMDTLLKMRGLKVLDLSFNEFSGELPESLTNLSASLLTLDLSSN  
NFSGPILPNLCQNPKNLTQELYLQNNGFTGKIPPTLSNCSELVSLHLSFN  
YLSGTIPSSLSLSKLRDLKLWLNMLEGEIPQELMYVKTLETILDFNDL  
TGEIPSGLSNCTNLNWISLSNNRLTGEIPKWIGRLENLAILKLSNNSFSG  
NIPDELGDCRS LIWLDLNTNLFNGTIPAAMFKQSGKIAANFIAGKRYVYI  
KNDGMKKECHGAGNLLFQGIRSEQLNRLSTRNPCNITSRVYGGHTSPTF  
DNNGSMMFLDMSYNMLSGYIPKEIGSNPYLFILNLGHNDISGSIPDEVGD  
LRGLNILDLSNKL DGRIPQAMSALTMLTEIDL SNNNL SGPIPEMGQFET  
FPPAKFLNMPGLCGYPLPRCDPSNADGYAHHQRSHGRRPASLAGSVAMGL  
LFSFVCI FGLILVGREMRKRRRKKEAELEMYAEGHGNSGDRTANNTNWKL  
TGVKEALSINLAAFEKPLRKLTFADLLQATNGFHND SLIGSGGF GDVYKA  
ILKDGS AVAIKKLIHVSGQGDREFMAEMETIGKIKHRNLVPLLGYCKVGD  
ERLLVNEVMKYGSLEDVLQDPKKGGVKLKLSTRRKIAIGSARGLAFLHHN  
CSPHIIHRDMKSSNVLLDENLEARVSDFGMARLMSAMDTHLSVSTLAGTP  
GYVPPEYYQSFR CSTKGDVYSYGVVLELLTGKRPTDSPDFGDNNLVGWV  
KQHAKLRISDVFDPELMKEDPALEIELLQHLKVAVACLDDRAWRRPTMVQ  
VMAMFKEIQAGSGIDSQSTIRSIEDGGFSTIEMVDMSIKEVPEGKL

FIGURE 1C

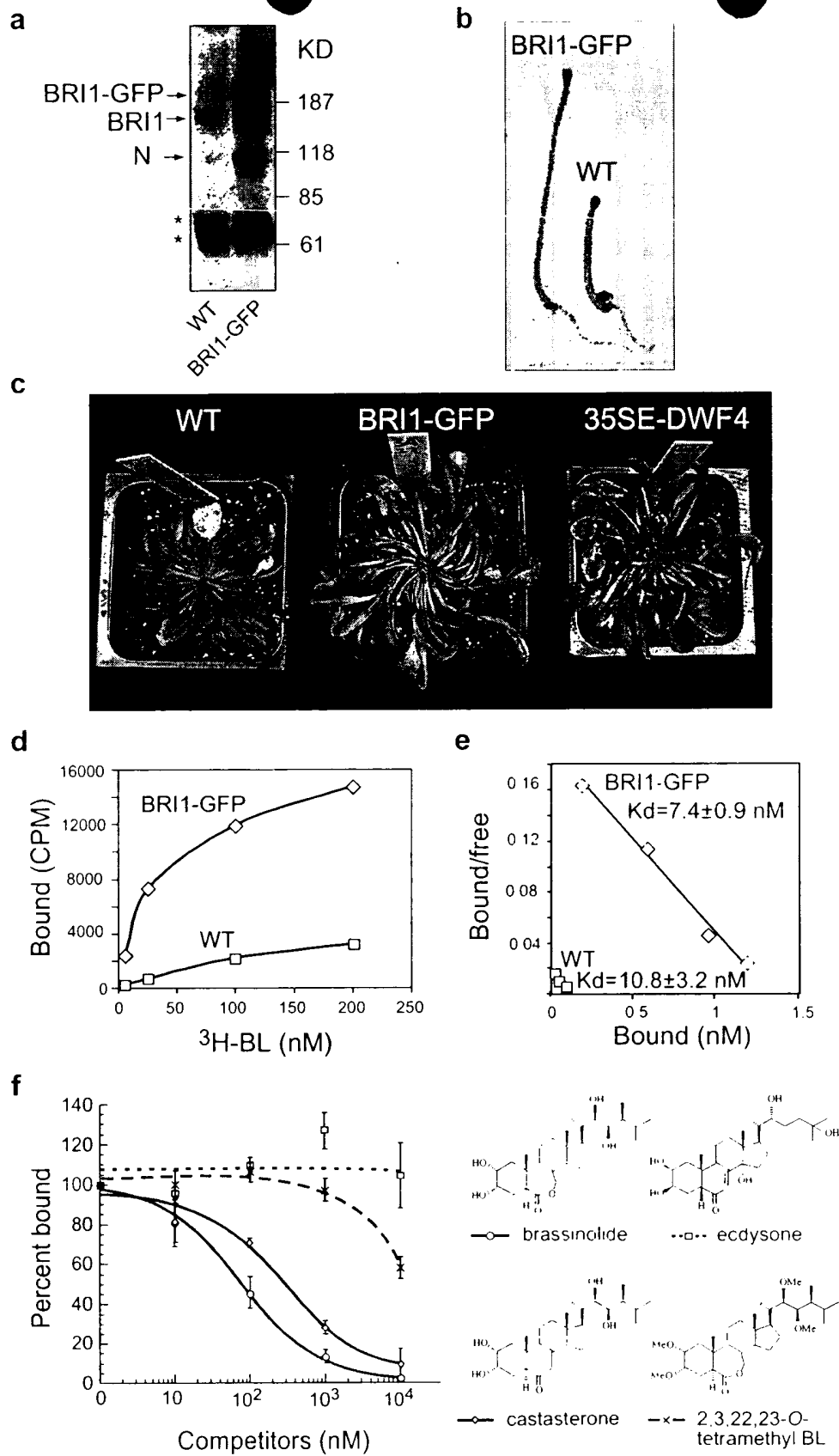


FIG. 2

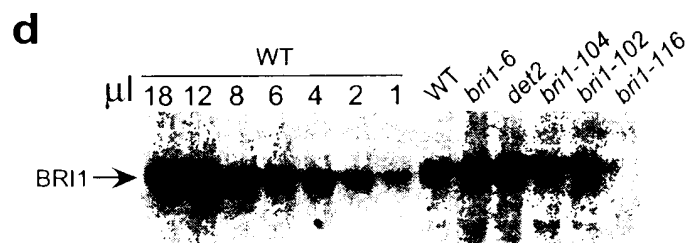
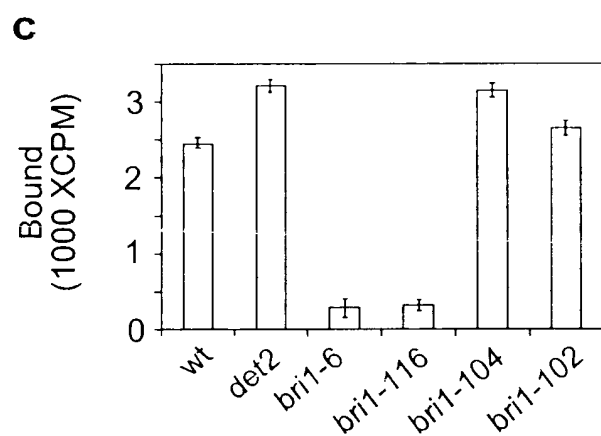
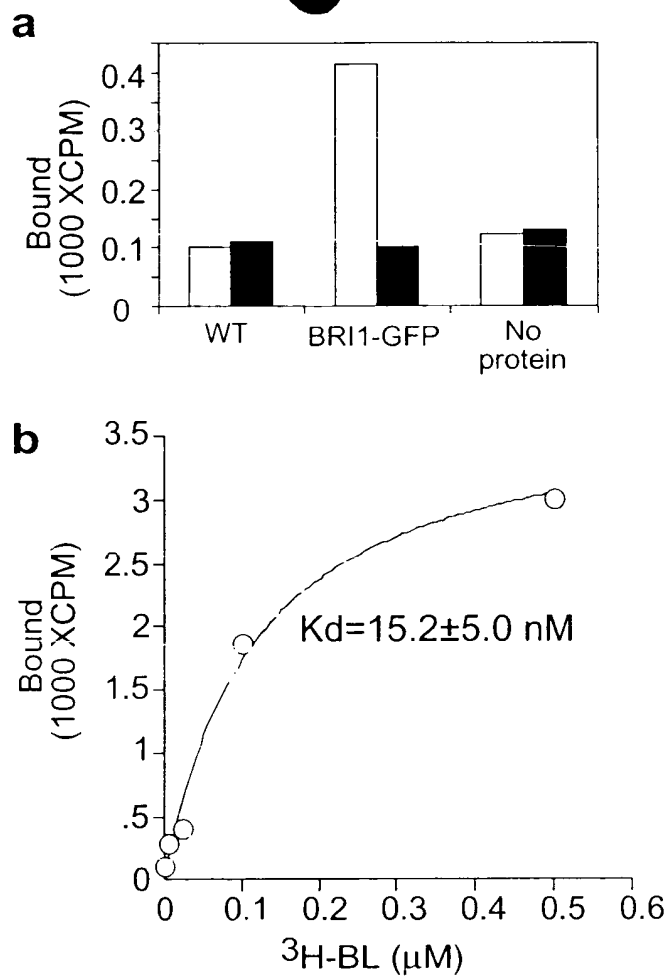
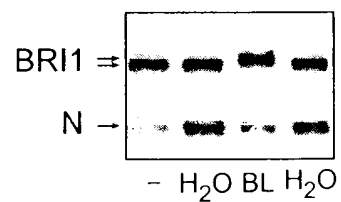
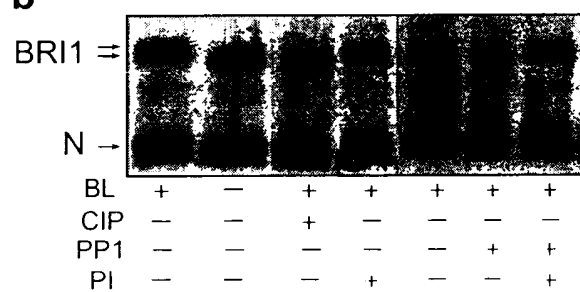


FIG. 3

**a**



**b**



**c**

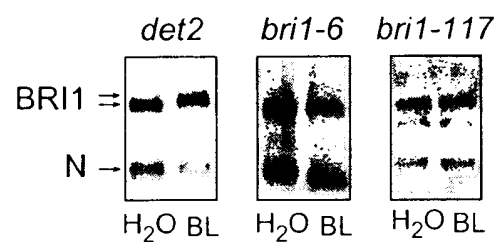


FIG. 4